

Other Information relative to site photo reference: A site map with photo point locations is attached to this report.

If required to complete Level 3 monitoring only stop here; otherwise, complete section 2.

Section 2. PLANT SURVIVAL

Attach plan sheet indicating reference photos.

Identify specific problem areas (missing, stressed, damaged or dead plantings):

The buffer area plantings were minimal.

Estimated causes, and proposed/required remedial action: NCDOT proposes to replant the buffer area in 2010.

ADDITIONAL COMMENTS: The planted vegetation that was surviving onsite consisted of silky dogwood, black willow, willow oak, sycamore, winged elm, and river birch. Other vegetation noted onsite consisted of pine, sweetgum, alder, *Juncus* sp., cedar, lespedeza, fennel and various grasses.

If required to complete Level 1 and Level 2 monitoring only stop here; otherwise, complete section 3.

Section 3. CHANNEL STABILITY

Visual Inspection: The entire stream project as well as each in-stream structure and bank stabilization/revetment structure must be evaluated and problems addressed.

Report on the visual inspection of channel stability. Physical measurements of channel stability/morphology will not be required. Include a discussion of any deviations from as-built and an evaluation of the significance of these deviations and whether they are indicative of a stabilizing or destabilizing situation.

UT to Dixon Branch (Site 16) stream relocation is experiencing some instability for the Year 1 Summer evaluation. A headcut noted during the last evaluation at Sta. 13+30 Ramp 2D which was downstream of Photo Point #2 has moved upstream of Photo Point #2 to Sta. 13+50 Ramp 2D. There is still some bank erosion on the left and right banks due to the head cut that has formed upstream. This bank erosion is at Sta. 13+20 Ramp 2D (Photo Point #3 Up and Downstream Photos). A bankfull event had occurred since the last monitoring evaluation. NCDOT is in the process of repairing the stream bed and banks at this time and will continue to monitor this stream relocation.

Date 9/1/09	Station 13+50 Ramp 2D	Station 13+20 Ramp 2D	Station Number	Station Number	Station Number
Structure Type					
Is water piping through or around structure?					
Head cut or down cut present?	Head cut (has moved upstream of photo point #2)				
Bank or scour erosion present?		Bank erosion on left and right bank			
Other problems noted?					

UT to Dixon Branch

Site 16



Photo Point #1 (Upstream)



Photo Point #1 (Downstream)



Photo Point #2 (Upstream)



Photo Point #2 (Downstream)



Photo Point #3 (Upstream)
Year 1 Summer - September 2009



Photo Point #3 (Downstream)

UT to Dixon Branch

Site 16



(Additional Photo of headcut upstream of
Photo Point #2)

Year 1 Summer – September 2009

